

## ELASTOMERIC POLYPHOSPHAZENE TRANSDUCERS, METHODS OF MAKING, AND METHODS OF USE THEREOF

### ABSTRACT

[0050] This disclosure relates to transducers, methods of making transducers and methods of converting between electrical energy and mechanical energy. The transducers comprise an elastomeric film disposed between two electrodes wherein at least one electrode can be a compliant electrode. The elastomeric film comprises a polyphosphazene.